

Index to Authors

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In abstracts of patents only the names of firms have been given and the abstracts have been indexed under these names. Where two firms have jointly taken out a patent, or where a paper has two or more authors, all the names have been included in the index. Names beginning with de, la, le, ter, van, von, etc. are indexed under the surname.

Abbreviations of Names of Firms, etc.

The abbreviations listed below have been used in the *Journal*.

AAP ...	Koppers Co. Inc.	HSB ...	Harshaw Chemical Co.
AATCC ...	American Association of Textile Chemists and Colorists	HWL ...	Hickson & Welch Ltd
Acna ...	Aziende Colori Nazionali Affini	IBA ...	Fabrica Inbra, Industria Brasileira de Anilinas S.A.
BASF ...	Badische Anilin- & Soda-Fabrik A.G.	IC ...	Interchemical Corp'n
CCC ...	American Cyanamid Co.	ICI ...	Imperial Chemical Industries Ltd
CFM ...	Cassella Farbwerke Mainkur A.G.	KVK ...	Kemisk Vaerk Koge A/S
CIBA ...	CIBA Ltd	LT ...	Laporte Titanium Ltd
Col. ...	Columbian Carbon Co.	MCI ...	Mitsubishi Chemical Industries Ltd
DuP ...	E.I. du Pont de Nemours & Co. Inc.	MDW ...	Mitsui Chemical Industry Co. Ltd
FBy ...	Farbenfabriken Bayer A.G.	MMM ...	Minnesota Mining & Manufacturing Corp'n
FH ...	Farbwerke Hoechst A.G.	Montecatini ...	Montecatini Società Generale per l'Industria Mineraria e Chimica
Fran ...	Française des Matières Colorantes S.A.	NL ...	National Lead Co.
FW ...	VEB Farbenfabrik Wolfen	Rhône Poulenc ...	Société des Usines Chimiques Rhône-Poulenc
General Aniline ...	General Aniline & Film Corp'n	S ...	Sandoz A.G.
Gevaert ...	Gevaert Photo-Producten N.V.	Sandoz Products Ltd	
Gy ...	Geigy, J. R., A.G.	YDC ...	Yorkshire Dyeware & Chemical Co. Ltd
	The Geigy Co. Ltd		
HH ...	Hardman & Holden Ltd		

Symbols used in Index

The following symbols have been added, where appropriate, after the names of authors.

C ...	Communication	O ...	Obituary Notice
Corr ...	Correspondence	P ...	Proceedings
EA ...	External Address	PC ...	Pattern Cards
EPMT ...	Explanatory Paper on Modern Theory	R ...	Book Review
N ...	Note	Sy ...	Symposium Paper

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		795 451				922 446		918 450		808 499		762 506				905 516	
502 452		796 451		997,008	465	977 445		919 504		852 515		790 503				906 512	
				017 411				922 506		874 503							
669 455		811 445		041 452		998,014	461	923 506		877 502		801 502					
		812 408		042 451				946 511		878 511		805 515				1,003,115	504
927 411		820 408		044 453		142 515		991 496				862 512					
951 408		859 455		094 455		156 506				996 502		866 505				448 499	
961 458		870 450						999,028	511			887 504				546 506	
976 454		875 453		170 461		225 495		049 495		1,000,006	494	888 517				556 514	
979 411				173 454		236 509		050 509		049 517		894 515					
990 460		938 412		185 445		255 505		054 511		054 511						600 504	
991 446		948 459				299 518		061 507		088 512		921 494				671 512	
		954 454		202 455								967 494				672 512	
995,034	412			212 445		311 496		122 496		101 508		986 512				673 512	
040 411		996,033	455	268 446		326 494		127 504		195 512		987 512		1,002,022	498	674 512	
		034 455				358 501		140 509		196 513				064 514		675 512	
118 446		068 453		323 461		385 515		149 507		197 513		1,001,004	504			676 512	
183 408		075 451		361 461				153 509				061 503				677 512	
192 455				362 461		404 515				206 505		063 500				678 512	
		109 457		386 445				233 505		227 506		066 501				679 500	
225 408				398 457		521 517		365 494				067 503				697 516	
253 411		208 464				522 501				346 514							
260 446		240 454		447 445		529 518		409 514		357 494		181 505				794 515	
261 452		242 452		450 445		530 519		480 519		383 515		182 505					
														345 502		1,004,076	505

LIST OF UNITED STATES PATENTS ABSTRACTED

The date in brackets is that of the patent application

No. of Patent	Page	No. of Patent	Page	No. of Patent	Page	No. of Patent	Page	No. of Patent	Page	No. of Patent	Page	No. of Patent	Page	No. of Patent	Page	No. of Patent	Page
3,046,771	25	3,112,155	69	3,119,808	131	3,126,555	181	3,135,578	238	3,143,961	271	3,151,993	378	3,160,608	409	3,169,864	502
		156	87	810	128			579	238			999	336	635	413	868	460
3,047,386	29	157	69	835	132	608	188			3,144,297	282			759	424	885	464
452	37	198	73					604	275	298	288	3,152,000	337				501
		200	85	3,120,050	121	3,127,231	182	605	231	299	287			3,161,481	443	3,170,004	457
3,057,610	25	214	88	422	136	232	178	606	231								
				423	137	245	178	607	237	344	281	108	335	506	461		
3,058,332	25	303	74	427	133	279	179	609	228	351	286	102	335	519	465	315	495
				448	134	280	178	695	233			110	336	583	446	393	456
3,059,460	25	633	67	452	140			734	275	773	292	111	334	594	446		
						305	187			3,145,073	287					757	460
3,066,046	25	982	83	688	122	391	173	3,136,638	237	074	287	860	336	608	457	791	460
047	25	983	84					644	239					622	457		
		984	69	999	133	3,128,145	187	646	272	132	287	905	334	632	452		
3,071,464	34	3,113,024	85	3,121,012	137	147	187	647	237	186	282	916	415			815	495
		025	85	017	134	148	187	648	280			918	388	3,162,538	455	876	446
515	26	034	85			179	175			241	290	919	387	541	455		
				632	137			3,137,588	288			920	386			909	499
3,075,841	35			633	137	206	168			398	271	922	388	604	446	910	499
		122	82	642	143	221	180	609	290			925	369	611	455	912	501
3,076,430	25					222	184	655	278	555	271	930	383	642	454	914	501
		825	77			236	178	668	287			936	390			931	505
721	34	827	84	711	131	249	168	685	276	3,146,080	280			3,163,406	445	938	496
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		865	72	718	132	528	187	703	279			032	332			3,171,805	495
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				3,122,411	140	3,129,053	233	3,138,431	287	119	280			555	445	3,172,726	506
400	35	928	82	418	133	054	238	459	285	159	288	563	419			727	506
402	35			419	121			477	281	490	271	591	420	634	500	732	506
3,103,418	80	3,114,189	68	438	137	101	237	481	287	511	271	592	384			763	512
		191	87	485	178	103	237	567	285			598	387	3,164,438	460	777	515
3,107,036	68					104	237	568	337					449	454	779	467
		254	89			109	237			3,147,064	329	836	367	468	451	786	512
3,108,847	37			502	169	110	233			063	329			481	446		
858	25	588	84	529	128	134	232	802	286	066	329	3,154,373	386	484	461		
885	30			531	132					079	336					827	512
889	26					487	238	3,139,321	284			417	384	566	457	861	510
890	26	606	69			661	237	322	286	130	337	427	379	567	457	862	498
891	26	660	85	432	183			346	339	131	337	431	369	570	457	883	502
896	34			434	187			373	288			489	368			924	494
899	38	726	128	449	168	3,130,050	237			287	335			3,165,374	495		
		957	68	473	184	081	233	401	271	295	329	502	378	375	464	3,173,189	516
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736	29					118	239							445	445	785	520
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746	34	472	69	516	185	3,131,061	231	955	328					490	466		
748	34			565	169	062	237									803	515
750	36			596	174	071	233			3,148,017	338			821	468	841	515
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		200	89	227	279	265	282	292	279	021	341	522	421			906	502
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		293	79			3,132,042	239			075	334			824	464		
542	36			914	284							654	417			3,175,245	495
543	36	967	122	947	285	106	232			163	342	665	422	3,167,268	445	273	509
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551	38	3,117,052	85	949	285	133	229			181	333	743	416	384	463		
591	29			950	285	140	278			187	335					532	493
592	35	116	174	951	278			3,141,738	280	191	334	3,157,460	421	439	455		
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606	30			504	168			933	336			501	419	446	461		
608	68	831	84	535	234	918	236	934	339			503	419	448	464	844	513
612	37	883	80	536	234	926	232	936	338			504	419			845	513
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616	33	888	68	582	176			949	336			526	420	517	446		
618	38					3,133,023	233			533	421			526	466	925	495
691	31					071	232					536	421	576	455	987	516
		957	128			080	232			3,149,906	341					988	516
3,111,251	68	974	79							917	336	633	413				
				3,125,404	188			529	284	990	340	644	454	843	444	3,176,651	495
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359	88	212	122	893	232			565	332	993	340						
360	88					580	288			994	337	3,158,434	409	436	417	410	455
361	88	723	137			581	289			497	421	437	417	415	446	140	495
362	88	725	140	448	176	582	290			498	421	416	446	416	446		
		732	133	451	178	583	281					441	454			210	503
		780	133	455	188	592	281			3,150,110	337			442	450	272	519
413	81			458	179							501	409	493	457		
417	70			462	287			611	282	432	367					3,178,250	511
423	85	844	143	471	192	616	329	615	329	864	367	3,159,449	421	554	446	253	511
424	90	848	134	487	169	669	332					498	414			264	506
425	87	871	127					917	387			581	446	3,169,043	446	303	506
448	88			563	174			918	380			592	415	088	466	306	512
471	90	3,119,648	136	564	175	3,143,436	287	926	378			3,160,469	409	287	455	309	515
						438	271	984	382							390	518
				3,126,146	184	485	292										
528	77					3,135,039	236			3,151,106	333	510	412	822	454	448	498
		706	133					534	338					823	460	498	516
3,112,1																	

List of Periodicals Abstracted

With Abbreviated Titles used

JANUARY—DECEMBER 1965

ABBREVIATED TITLE	JOURNAL	ADDRESS OF PUBLISHER
<i>Acta chem. Scand.</i>	<i>Acta chimica Scandinavica</i>	Einar Munksgaard, Pragt Boulevard 47, Copenhagen, Denmark.
<i>Amer. Dyestuff Rep.</i>	<i>American Dyestuff Reporter</i>	44 E. 23rd Street, New York, 10010 N.Y., U.S.A.
<i>Anal. Chem.</i>	<i>Analytical Chemistry</i>	American Chemical Society, 20th and Northampton Streets, Easton, Pa., U.S.A.
<i>Analyst</i>	<i>Analyst</i>	7-8 Idol Lane, London E.C.3.
<i>Angew. Chem.</i>	<i>Angewandte Chemie</i>	Verlag Chemie G.m.b.H., Pappelallee 3, Weinheim/Bergstrasse, Germany
<i>Annalen</i>	<i>Liebig's Annalen der Chemie</i>	
<i>Australian J. Biol. Sci.</i>	<i>Australian Journal of Biological Sciences</i>	Commonwealth Scientific and Industrial Research Organisation, 314 Albert Street, East Melbourne C2, Victoria, Australia.
<i>Biochem. J.</i>	<i>Biochemical Journal</i>	Cambridge University Press, Bentley House, 200 Euston Road, London N.W.1.
<i>Biochim. Biophys. Acta</i>	<i>Biochimica et Biophysica Acta</i>	Elsevier Publishing Company, Spuistraat 112, Amsterdam C, Holland.
<i>Bull. Chem. Soc. Japan</i>	<i>Bulletin of the Chemical Society of Japan</i>	5, 1-Chome, Kanda-Surugadai, Chiyoda-ku, Tokyo, Japan.
<i>Bull. Inst. Text. France</i>	<i>Bulletin de l'Institut Textile de France</i>	59 Rue de la Faisanderie, Paris (16 ^e), France.
<i>Bull. Text. Res. Inst. Japan</i>	<i>Bulletin of the Textile Research Institute</i>	4 Sawatari, Kanagawa, Yokohama, Japan.
<i>Bumazh. prom.</i>	<i>Bumazhnaya Promyshlennost'</i>	State Committee for Forest, Cellulose, Paper and Wood Processing Industries, Moscow K-12, ul. 25 Oktyabrya 8, U.S.S.R.
<i>Canadian Textile J.</i>	<i>Canadian Textile Journal</i>	Canadian Textile Journal Publishing Co. Ltd, 4795 St Catherine Street West, Westmount, Montreal 6, Quebec, Canada.
<i>Chem. Abs.</i>	<i>Chemical Abstracts</i>	American Chemical Society, 1155 16th Street, N.W., Washington D.C. 20036, U.S.A.
<i>Chem. Commun.</i>	<i>Chemical Communications</i>	The Chemical Society, Burlington House, Piccadilly, London W.1.
<i>Chem. Ber.</i>	<i>Chemische Berichte</i>	Verlag Chemie G.m.b.H., Pappelallee 3, Weinheim/Bergstrasse, Germany.
<i>Chem. and Ind.</i>	<i>Chemistry and Industry</i>	The Society of Chemical Industry, 14 Belgrave Square, London S.W.1
<i>Chem. in Britain</i>	<i>Chemistry in Britain</i>	The Chemical Society, Burlington House, Piccadilly, London W.1.
<i>Chem. Trade J.</i>	<i>Chemical Trade Journal and Chemical Engineer</i>	The Royal Institute of Chemistry, 30 Russell Square, London W.C.1.
<i>Chemiefasern</i>	<i>Chemiefasern</i>	Davis Bros. (CTJ) Ltd, 258-268 Gray's Inn Road, London W.C.1.
<i>Collect. Czech. Chem. Commun.</i>	<i>Collection of Czechoslovak Chemical Communications</i>	Deutscher Fachverlag m.b.H., Frankfurt/Main, Freiherr-vom-Stein-Strasse 7, Germany
<i>Color Engng</i>	<i>Color Engineering</i>	Czechoslovak Academy of Sciences, Institute of Organic Chemistry and Biochemistry, Na cvičišti 2, Prague 6.
<i>Deutsche Farben-Zeitschrift</i>	<i>Deutsche Farben-Zeitschrift</i>	Kinelow Publishing Co. Inc., 2 John Street, New York 38, N.Y., U.S.A.
<i>Die Farbe</i>	<i>Die Farbe</i>	Wissenschaftliche Verlag G.m.b.H., Stuttgart N, Birkenwaldstrasse 44 Germany
<i>Doklady Akad. Nauk S.S.S.R.</i>	<i>Doklady Akademii Nauk S.S.S.R.</i>	Musterschmidt-Verlag, 34 Göttingen, Turmstrasse 7, Postfach 421, Germany.
<i>Dyer</i>	<i>The International Dyer, Textile Printer, Bleacher and Finisher</i>	Academy of Sciences of the U.S.S.R., Moscow, K-62, Podsozenskii pereulok 21, U.S.S.R.
<i>Endeavour</i>	<i>Endeavour</i>	Harlequin Press, Grand Buildings, Trafalgar Square, London W.C.2.
<i>Faserforsch. und Textiltech.</i>	<i>Faserforschung und Textiltechnik</i>	Imperial Chemical Industries Ltd, Millbank, London S.W.1.
<i>Helv. chim. Acta</i>	<i>Helvetica chimica Acta</i>	Akademie-Verlag G.m.b.H., 108 Berlin, W.8 Leipziger Strasse 3-4, Germany.
<i>Ind. Eng. Chem.</i>	<i>Industrial and Engineering Chemistry</i>	Verlag Helvetica Chimica Acta, 4000 Basle 7, Switzerland.
<i>Indian Textile J.</i>	<i>Indian Textile Journal</i>	American Chemical Society, 1155 16th Street, N.W., Washington D.C., 20036, U.S.A.
<i>Izvestiya Akad. Nauk S.S.S.R., ser. khim.</i>	<i>Izvestiya Akademii Nauk S.S.S.R.</i>	The Indian Textile Journal Pte. Ltd, "Surya Mahal", Military Square, Fort, Bombay 1, India.
<i>J. Amer. Chem. Soc.</i>	<i>Journal of the American Chemical Society</i>	Academy of Sciences of the U.S.S.R., Moscow, Leninskii prospekt 47, U.S.S.R.
<i>J. Amer. Leather Chem. Assocn</i>	<i>Journal of the American Leather Chemists' Association</i>	1155 16th Street, N.W., Washington D.C., 20036, U.S.A.
<i>J. Appl. Chem.</i>	<i>Journal of Applied Chemistry</i>	228 North Green Street, Easton, Pennsylvania, U.S.A.
<i>J. Applied Polymer Sci.</i>	<i>Journal of Applied Polymer Science</i>	Society of Chemical Industry, 14 Belgrave Square, London S.W.1.
<i>J. Biol. Chem.</i>	<i>Journal of Biological Chemistry</i>	Interscience Publishers Ltd, 88-90 Chancery Lane, London W.C.2
<i>J.C.S.</i>	<i>Journal of the Chemical Society</i>	Mount Royal and Guildford Avenues, Baltimore 2, Maryland, U.S.A.
<i>J. Chem. Phys.</i>	<i>Journal of Chemical Physics</i>	Burlington House, London W.1.
<i>J. Chromatography</i>	<i>Journal of Chromatography</i>	American Institute of Physics, Lancaster, Pennsylvania, U.S.A.
<i>J. Indian Chem. Soc.</i>	<i>Journal of the Indian Chemical Society</i>	Elsevier Publishing Co., 110-112 Spuistraat, Amsterdam, Holland.
<i>J. Oil Col. Chem. Assocn</i>	<i>Journal of the Oil and Colour Chemists' Association</i>	92 Acharya Prafulla Chandra Road, Calcutta 9, India.
<i>J. Opt. Soc. Amer.</i>	<i>Journal of the Optical Society of America</i>	Wax Chandlers' Hall, Gresham Street, London E.C.2.
<i>J. Org. Chem.</i>	<i>Journal of Organic Chemistry</i>	American Institute of Physics, Prince and Lemon Streets, Lancaster, Pennsylvania, U.S.A.
<i>J. Physical Chem.</i>	<i>Journal of Physical Chemistry</i>	American Chemical Society, 20th and Northampton Streets, Easton, Pa., U.S.A.
<i>J. Plastics Inst.</i>	<i>Transactions and Journal, The Plastics Institute</i>	American Chemical Society, 20th and Northampton Streets, Easton Pa., U.S.A.
<i>J. Polymer Sci.</i>	<i>Journal of Polymer Science</i>	6 Mandeville Place, London W.1.
<i>J. Res. Nat. Bur. Stand.</i>	<i>Journal of Research of the National Bureau of Standards</i>	Interscience Publishers Inc., 250 Fifth Avenue, New York 1, N.Y., U.S.A.
<i>J. Soc. Fiber Sci. Technol. Japan</i>	<i>Journal of the Society of Fiber Science and Technology, Japan (Sen-i Gakkaishi)</i>	Superintendent of Documents, U.S. Government Printing Office, Washington D.C., 20402, U.S.A.
<i>J. Soc. Leather Trades Chem.</i>	<i>Journal of the Society of Leather Trades' Chemists</i>	Sen-i Gakkai, c/o Tokyo Institute of Technology, Ookayama, Meguro-ku, Tokyo, Japan.
<i>J. Textile Inst.</i>	<i>Journal of the Textile Institute</i>	52 Crouch Hall Lane, Redbourn, Herts.
		10 Blackfriars Street, Manchester 3

List of Periodicals Abstracted—continued

ABBREVIATED TITLE	JOURNAL	ADDRESS OF PUBLISHER
<i>Khim. Volok.</i>	<i>Khimicheskie Volokna</i>	State Committee of Chemical and Oil Industry, Moscow, Krivokolenniy pereulok d.12, U.S.S.R.
<i>Kolloid. zhur.</i>	<i>Kolloidnyi zhurnal</i> (Colloid Journal of the U.S.S.R.) ...	Academy of Sciences of the U.S.S.R., Moscow, Shubinskii pereulok 10, U.S.S.R.
<i>Kolor. Ertesito</i>	<i>Kolorisztikai Értesítő</i>	Központi Kolorisztikai Kutató Laboratórium, Budapest 62, Postafiók 182
<i>Makromol. Chem.</i>	<i>Die Makromolekulare Chemie</i>	Dr Alfred Hüthig Verlag, G.m.b.H., Wilckenstr. 3, Heidelberg, Germany.
<i>Melliand Textilber.</i>	<i>Melliand Textilberichte</i>	Verlag Melliand Textilberichte KG, 69 Heidelberg, Rohrbacher Str. 76, Germany.
<i>Mh. Chem.</i>	<i>Monatshefte für Chemie und verwandte Teile anderer Wissenschaften</i>	Springer-Verlag, Wien I, Mölkerbastei 5, Austria.
<i>Nature</i>	<i>Nature</i>	Macmillan & Co. Ltd, St. Martin's Street, London W.C.2.
<i>Off. Dig. Fed. Soc. Paint Technol.</i> ...	<i>Official Digest, Journal of Paint Technology and Engineering</i>	121 South Broad Street, Philadelphia 7, Pa. 19107, U.S.A.
<i>Paint Manuf.</i>	<i>Paint Manufacture</i>	Grampian Press Ltd, The Tower, 229/243, Shepherds Bush Road, Hammersmith, London W.6.
<i>Paint, Oil & Col. J.</i>	<i>Paint, Oil and Colour Journal</i>	Morris Ashby Ltd, 10 Philpot Lane, London E.C.3.
<i>Paint Tech.</i>	<i>Paint Technology</i>	Sawell Publications Ltd, 4 Ludgate Circus, London E.C.4.
<i>Pakistan J. Scientific and Industrial Res.</i> ...	<i>Pakistan Journal of Scientific and Industrial Research</i> ...	39 Garden Road, Karachi 3, Pakistan.
<i>Polymer Engng Sci. (formerly SPE Trans.)</i>	<i>Polymer Engineering and Science</i>	Society of Plastics Engineers Inc., 65 Prospect Street, Stamford, Connecticut 06902, U.S.A.
<i>Polish Tech. Abs.</i>	<i>Polish Technical Abstracts</i>	Warsaw, Aleje Niepodleglosci 188, Poland.
<i>Proc. Chem. Soc.</i>	<i>Proceedings of the Chemical Society</i>	Burlington House, London W.1.
<i>Proc. I.R.I.</i>	<i>Transactions and Proceedings Institution of the Rubber Industry</i>	4 Kensington Palace Gardens, London W.8.
<i>Proc. Roy. Soc.</i>	<i>Proceedings of the Royal Society</i>	Burlington House, London W.1.
<i>Rec. Trav. chim.</i>	<i>Recueil des Travaux chimiques des Pays-Bas</i>	Burnierstraat 1, 's-Gravenhage, Holland.
<i>Rept. Govt. Chem. Ind. Research Inst. Tokyo</i>	<i>Reports of the Government Chemical Industrial Research Institute, Tokyo</i>	1-chome, Hon-machi, Shibuya-ku, Tokyo, Japan.
<i>Rev. Roumaine Chim.</i>	<i>Revue Roumaine de Chimie</i>	Academia Republicii Populare Romine, Str. Dumbrova Rosie 23, Bucharest 9, Roumania.
<i>Skinner's Rec.</i>	<i>Skinner's Record of the Man-made Fibres Industry</i> ...	St. James House, 44 Brazenrose Street, Manchester 2.
<i>Stain Tech.</i>	<i>Stain Technology</i>	Williams & Wilkins Co., Baltimore 2, Maryland, U.S.A.
<i>Svensk Papperstidning</i>	<i>Svensk Papperstidning</i>	Villagatan 1, Stockholm O, Sweden.
<i>S.V.F. Fachorgan</i>	<i>S.V.F. Fachorgan für Textilveredlung</i>	4001 Basle, Postfach 201, Switzerland.
<i>Talanta</i>	<i>Talanta</i>	Pergamon Press, Headington Hill Hall, Oxford.
<i>Tappi</i>	<i>Tappi</i>	Technical Association of Pulp and Paper Industry, 360 Lexington Avenue, New York, N.Y. 10017, U.S.A.
<i>Teintex</i>	<i>Teintex, incorporating Revue Générale des Matières Colorantes</i>	60 rue Richelieu, Paris (2°), France.
<i>Teinture et Apprêts</i>	<i>Teinture et Apprêts</i>	Société d'Éditions Techniques de la Manutention Textile, 12 Rue d'Anjou, Paris (8°), France.
<i>Tekhnol. tekstil. Prom.</i>	<i>Izvestiya vysshikh uchebnykh zavedenii, Tekhnologiya tekstil'noi promyshlennosti</i> (Technology of the Textile Industry of the U.S.S.R.)	Ivanova, ulitsa Fridrikha Engel'sa 21, U.S.S.R.
<i>Tekstil. prom.</i>	<i>Tekstil'naya promyshlennost'</i> (Textile Industry of the U.S.S.R.)	Gizlegprom, Moscow, Tsentr, ulitsa Kirova 39, 6-I etazh Komnata 620, U.S.S.R.
<i>Tetrahedron</i>	<i>Tetrahedron</i>	Pergamon Press, Headington Hill Hall, Oxford.
<i>Tetrahedron Letters</i>	<i>Tetrahedron Letters</i>	
<i>Tex</i>	<i>De Tex</i>	Uitg. C. Misser N.V., Doetinchem, Holland.
<i>Textile Digest</i>	<i>Textile Digest</i>	V. D. Limaye, Indian Printing Works, 9 Bakehouse Lane, Fort, Bombay, India.
<i>Text. Inst. & Ind.</i>	<i>The Textile Institute and Industry</i>	10 Blackfriars Street, Manchester 3.
<i>Text. Manuf.</i>	<i>Textile Manufacturer</i>	31 King Street West, Manchester 3.
<i>Text. Rec.</i>	<i>Textile Recorder</i>	Harlequin Press Ltd, Old Colony House, South King Street, Manchester 2.
<i>Text. Research J.</i>	<i>Textile Research Journal</i>	Prince and Lemon Streets, Lancaster, Pennsylvania, U.S.A.
<i>Textil Praxis</i>	<i>Textil Praxis</i>	Konradin-Verlag Robert Kohlhammer G.m.b.H., Stuttgart 1, Postfach 625, Germany.
<i>Textil-Rund.</i>	<i>Textil-Rundschau</i>	Verlag Zollikofer & Co., St. Gallen, Switzerland.
<i>Textile J. of Australia</i>	<i>Textile Journal of Australia</i>	142 Clarence Street, Sydney, N.S.W., Australia.
<i>Tinctoria</i>	<i>Tinctoria</i>	Via Negrolì 51, Milan, Italy.
<i>Trans. Faraday Soc.</i>	<i>Transactions of the Faraday Society</i>	Aberdeen University Press Ltd, 6 Upper Kirkgate, Aberdeen, Scotland.
<i>Trans. I.R.I.</i>	<i>Transactions and Proceedings Institution of the Rubber Industry</i>	4 Kensington Palace Gardens, London W.8.
<i>Trans. Inst. Metal Fin.</i>	<i>Transactions of the Institute of Metal Finishing</i> ...	178 Goswell Road, London E.C.1
<i>Trans. Plastics Inst.</i>	<i>Transactions and Journal The Plastics Institute</i> ...	6 Mandeville Place, London W.1.
<i>Ukrain. khim. zhur.</i>	<i>Ukrainskii khimicheskii zhurnal</i> (Ukrainian Chemical Journal)	Kiev, 30 ulitsa Leontovicha 9a, U.S.S.R.
<i>Vysokomol. Soed.</i>	<i>Vysokomolekularnye Soedineniya</i>	Academy of Sciences of the U.S.S.R., Moscow, Kuznetskii Most, d.9/10, U.S.S.R.
<i>Wool Sci. Rev.</i>	<i>Wool Science Review</i>	International Wool Secretariat, Dorland House, 18/20 Regent Street London S.W.1.
<i>Zesz. Nauk. Politech. Łódz</i>	<i>Zeszyty Naukowe Politechniki Łódzkiej</i>	Łódź, Gdanska 155, Poland.
<i>Zhur. obshch. khim.</i>	<i>Zhurnal obshchei khimii</i> (Journal of General Chemistry of the U.S.S.R.)	Academy of Sciences of the U.S.S.R., Leningrad B-164, Mendeleevskaya liniya, U.S.S.R.
<i>Zhur. priklad. khim.</i>	<i>Zhurnal prikladnoi khimii</i> (Journal of Applied Chemistry of the U.S.S.R.)	Academy of Sciences of the U.S.S.R., Leningrad B-164, Mendeleevskaya liniya, U.S.S.R.

ABBREVIATIONS AND SYMBOLS

used in *The Journal of the Society of Dyers and Colourists*

No distinction is made in abbreviations between singular and plural

In special cases abbreviations and symbols other than those in the list may be used, but as far as possible they will be as given either in standard English dictionaries or in *British Standard 1991:Part 1:1954*

absolute...	abs.	equivalent	equiv.	para-	p-
acetyl	Ac	ethyl	Et	parts per million	p.p.m.
alkyl radical (in chemical formula)	Alk	Fahrenheit	F	Patent	P
alternating current	a.c.	foot	ft	phenyl	Ph
ampère	A	freezing point	f.p.	poise	P
Angström unit	Å	gallon (Imperial)	gal	potential difference	p.d.
anhydrous	anhyd.	gallon (U.S.A.)	gal(U.S.A.)	pound	lb
approximate, -ly	approx., ca	German Patent	GP	precipitate	ppt.
aqueous	aq.	gram	g	precipitated	pptd
aryl radical (in chemical formula)	Ar	gram-molecule	mole	precipitation	pptn
asymmetric (applied to organic compounds)	as-	greater than	>	proportional to	∝
atmosphere (pressure unit)	atm.	halogen (in chemical formula)	Hal	propyl (normal)	Prn
atomic	at.	horse power	h.p.	propyl (iso)	Pri
atomic weight	at. wt	hour	h	qualitative(ly)	qual.
Baumé	Bé	hydrogen ion concentration (negative logarithm)	pH	quantitative(ly)	quant.
benzoyl	Bz	inch	in.	racemic (organic chemistry)	r-
boiling point	b.p.	infrared	i.r.	recrystallised	recryst.
British Patent	BP	inorganic	inorg.	refractive index	n
British thermal unit	B.t.u.	insoluble	insol.	relative humidity	r.h.
butyl (normal)	Bun	kilocalorie	kcal	revolutions per minute	rev/min
butyl (iso)	Bui	kilogram	kg	röntgen	r
butyl (tertiary)	But	laevorotatory	laevo, (-)	saturate(d)	sat.*
calculated	calc.	less than	<	second	s
calorie	cal	litre	l.	secondary (organic compound)	s-
Celsius (centigrade)	C	logarithm (decadic)	log	soluble	sol.
centi	c	logarithm (natural)	ln	solution	soln
compound	cpd	maximum	max.	specific	sp.
concentrated	conc.	melting point	m.p.	specific gravity	sp. gr.
concentration	concn	meta-	m-	square in. (etc.)	in ² (etc.)
configuration (carbohydrates and amino acids)	D-, L-const.	methyl	Me	stokes	S
constant	const.	metre	m	substituted	subst.*
containing more than <i>n</i> carbon atoms	containing > <i>n</i> C	microgram	μg	substitution on nitrogen, oxygen, etc.	N-, O-, etc.
corrected	corr.	micron	μ	symmetrical (organic compound)	s-
crystal, -line, -lised (adjective)	cryst.	milli-	m	temperature	temp.
cubic centimetre (etc.)	cm ³ (etc.)	millilitre	ml	tertiary- (organic compound)	t-
curie	c	minimum	min.	turns per inch	turns/in.
decomposition	decomp.	minute	min	Twaddell	Tw
degree	deg	molar (concentration)	M	United States Patent	USP
degree of polymerisation	DP	molecular, -e	mol.	ultraviolet	u.v.
degree of substitution	DS	molecular weight	mol. wt	unsaturated	unsat.*
density	ρ	normal (concentration)	N	unsubstituted	unsubst.*
derivative	deriv.	normal (organic compound)	n-	viscosity	η
dextrorotatory	dextro. (+)	not greater than	>	volt	V
dilute	dil.	not less than	<	volume	vol.
direct current	d.c.	organic	org.	watt	W
distil, -led	dist.	ortho-	o-	wavelength	λ
electromotive force	e.m.f.	ounce	oz	weight	wt
equation	eqn			yard	yd
equimolecular	equimol.				

* Only in describing general formulae in the Abstracts Section



